

Federal Aviation Administration, DOT

§ 171.3

- 171.103 Requests for IFR procedure.
- 171.105 Minimum requirements for approval.
- 171.107 Definition.
- 171.109 Performance requirements.
- 171.111 Ground standards and tolerances.
- 171.113 Installation requirements.
- 171.115 Maintenance and operations requirements.
- 171.117 Reports.

Subpart G—Distance Measuring Equipment (DME)

- 171.151 Scope.
- 171.153 Requests for IFR procedure.
- 171.155 Minimum requirements for approval.
- 171.157 Performance requirements.
- 171.159 Installation requirements.
- 171.161 Maintenance and operations requirements.
- 171.163 Reports.

Subpart H—VHF Marker Beacons

- 171.201 Scope.
- 171.203 Requests for IFR procedure.
- 171.205 Minimum requirements for approval.
- 171.207 Performance requirements.
- 171.209 Installation requirements.
- 171.211 Maintenance and operations requirements.
- 171.213 Reports.

Subpart I—Interim Standard Microwave Landing System (ISMLS)

- 171.251 Scope.
- 171.253 Definitions.
- 171.255 Requests for IFR procedures.
- 171.257 Minimum requirements for approval.
- 171.259 Performance requirements: General.
- 171.261 Localizer performance requirements.
- 171.263 Localizer automatic monitor system.
- 171.265 Glide path performance requirements.
- 171.267 Glide path automatic monitor system.
- 171.269 Marker beacon performance requirements.
- 171.271 Installation requirements.
- 171.273 Maintenance and operations requirements.
- 171.275 Reports.

Subpart J—Microwave Landing System (MLS)

- 171.301 Scope.
- 171.303 Definitions.
- 171.305 Requests for IFR procedure.
- 171.307 Minimum requirements for approval.
- 171.309 General requirements.
- 171.311 Signal format requirements.
- 171.313 Azimuth performance requirements.
- 171.315 Azimuth monitor system requirements.

- 171.317 Approach elevation performance requirements.
- 171.319 Approach elevation monitor system requirements.
- 171.321 DME and marker beacon performance requirements.
- 171.323 Fabrication and installation requirements.
- 171.325 Maintenance and operations requirements.
- 171.327 Operational records.

AUTHORITY: 49 U.S.C. 106(g), 40103–40107, 40109, 40113, 44502, 44701–44702, 44708–44709, 44711, 44719–44721, 45303, 46308.

SOURCE: Docket No. 5034, 29 FR 11337, Aug. 6, 1964, unless otherwise noted.

Subpart A—VOR Facilities

§ 171.1 Scope.

This subpart sets forth minimum requirements for the approval and operation on non-Federal VOR facilities that are to be involved in the approval of instrument flight rules and air traffic control procedures related to those facilities.

[Doc. No. 5034, 29 FR 11337, Aug. 6, 1964, as amended by Amdt. 171–2, 31 FR 5408, Apr. 6, 1966; Amdt. 171–7, 35 FR 12711, Aug. 11, 1970]

§ 171.3 Requests for IFR procedure.

(a) Each person who requests an IFR procedure based on a VOR facility that he owns must submit the following information with that request:

(1) A description of the facility and evidence that the equipment meets the performance requirements of § 171.7 and is installed in accordance with § 171.9.

(2) A proposed procedure for operating the facility.

(3) A proposed maintenance organization and maintenance manual that meets the requirements of § 171.11.

(4) A statement of intention to meet the requirements of this subpart.

(5) A showing that the facility has an acceptable level of operational reliability and an acceptable standard of performance. Previous equivalent operational experience with a facility with identical design and operational characteristics will be considered in showing compliance with this paragraph.

(b) After the FAA inspects and evaluates the facility, it advises the owner of the results and of any required